

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 10   | (shear and victor).in. and "ELECTRONIC RIGHTS MANAGEMENT"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB           | OR               | ON      | 2004/11/29 12:40 |
| L2    | 99   | @ad<"19990624" and ((recording storage) adj medium) and (secure near area)  | USPAT   | OR               | ON      | 2004/11/29 12:40 |
| L3    | 99   | @ad<"19990624" and ((recording storage) adj medium) and (secure near area)  | USPAT   | OR               | ON      | 2004/11/29 12:40 |
| L4    | 4    | (medium storage) and ((encrypt\$3 adj2 permission) near2 (modif\$7 alter\$5 chang\$3 updat\$3))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB           | OR               | ON      | 2004/11/29 12:40 |
| L5    | 13   | (( (713/193).CCLS.) and @ad<"19980918") and dvd   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB           | OR               | ON      | 2004/11/29 12:40 |
| L6    | 129  | (mineo and moribe) and optical  | JPO;<br>DERWENT                                       | OR               | ON      | 2004/11/29 12:40 |
| L7    | 17   | @ad<"19980918" and ((content adj delivery) and (decrement\$3 (updat\$3 near2 permission)))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB           | OR               | ON      | 2004/11/29 12:40 |
| L8    | 3    | (( (713/193).CCLS.) and @ad<"19980918") and (apparatus near key)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB           | OR               | ON      | 2004/11/29 12:40 |
| L9    | 4    | (medium storage) and ((encrypt\$3 adj2 permission) near2 (modif\$7 alter\$5 chang\$3 updat\$3))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB           | OR               | ON      | 2004/11/29 12:40 |
| L10   | 4    | @ad<"19980918" and (((deny\$3 denied) adj2 access) same ((view\$3 modif\$7 chang\$3) near (key)))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB           | OR               | ON      | 2004/11/29 12:40 |
| L11   | 37   | (( (hideyuki and hirano).in. not ((kotani and seigo).in.)) not (((("Hasebe, Takayuki").in. not ((kotani and seigo).in.)) and copyright) and medium)) and medium | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB           | OR               | ON      | 2004/11/29 12:40 |
| S1    | 2    | "5257816"   | JPO;<br>DERWENT                                       | OR               | ON      | 2004/03/01 07:02 |
| S2    | 1    | ("20010008016").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR               | OFF     | 2004/02/27 14:39 |
| S3    | 1    | ((("20010008016").PN.) and (deriv\$3 adj outside)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB           | OR               | ON      | 2004/03/02 07:41 |
| S4    | 10   | "5257816"   | USPAT   | OR               | ON      | 2004/02/27 15:10 |
| S5    | 1    | "5392351".pn.   | USPAT   | OR               | ON      | 2004/02/27 15:13 |
| S6    | 50   | @ad<"19990624" and (recording adj medium) and (secure near area)  | USPAT   | OR               | ON      | 2004/02/27 15:13 |
| S7    | 94   | @ad<"19990624" and ((recording storage) adj medium) and (secure near area)  | USPAT   | OR               | ON      | 2004/02/27 15:14 |
| S8    | 69   | @ad<"19990624" and ((recording storage) adj medium) and (secure near area) and (access)   | USPAT   | OR               | ON      | 2004/02/27 15:14 |
| S9    | 675  | (713/193).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR               | OFF     | 2004/03/01 07:25 |
| S10   | 264  | ((713/193).CCLS.) and @ad<"19980918"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB           | OR               | ON      | 2004/03/01 07:28 |

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| S11 | 3   | ((713/193).CCLS.) and @ad<"19980918") and (apparatus near key)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 07:36 |
| S12 | 13  | ((713/193).CCLS.) and @ad<"19980918") and dvd  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 07:39 |
| S13 | 233 | dvd same (copy adj protection)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 07:39 |
| S14 | 44  | (dvd same (copy adj protection)) and @ad<"19980918"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 07:51 |
| S15 | 25  | ((dvd same (copy adj protection)) and @ad<"19980918") and encrypt\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 07:56 |
| S16 | 61  | ((device recorder apparatus player) adj (specific)) near key   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 08:00 |
| S17 | 31  | ((device recorder apparatus player) adj (specific)) near key) and @ad<"19980918"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 07:58 |
| S18 | 7   | ((device recorder apparatus player) adj (specific)) near key) and @ad<"19980918") and (??crypt\$3 ??c?pher\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 08:01 |
| S19 | 211 | @ad<"19980918" and (copy adj protect\$3) and ((??crypt\$3 ??c?pher\$3) adj3 key)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 08:04 |
| S20 | 9   | (shear and victor).in. and "ELECTRONIC RIGHTS MANAGEMENT"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 11:17 |
| S21 | 16  | (medium storage) near2 (permission) near2 (modif\$7 alter\$5 chang\$3 updat\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 08:52 |
| S22 | 4   | ((medium storage) near2 (permission) near2 (modif\$7 alter\$5 chang\$3 updat\$3)) and @ad<"19980918"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 08:59 |
| S23 | 2   | (medium storage) and ((encrypt\$3 adj2 permission) near2 (modif\$7 alter\$5 chang\$3 updat\$3))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 08:59 |
| S24 | 10  | ("4740890"   "5400319"   "5699431"   "5805551"   "5805699"   "5949877"   "6092201"   "6128740"   "6233341"   "6278836"   "2001/0021255"   "2002/0035492").PN.                  | USPAT                                       | OR | ON | 2004/03/01 08:54 |
| S25 | 1   | @ad<"19980918" and (medium storage (smart adj card)) and ((encrypt\$3 adj2 permission) near3 (modif\$7 renew\$3 alter\$5 chang\$3 updat\$3))                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 09:01 |
| S26 | 0   | @ad<"19980918" and (medium storage (smart adj card)) and ((encrypt\$3 adj2 permission) near3 (modif\$7 renew\$3 alter\$3 chang\$3 updat\$3))                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 09:02 |
| S27 | 310 | @ad<"19980918" and (medium storage (smart adj card)) and ((encrypt\$3 adj2 (permission key entitlement rules privilege)) near3 (modif\$7 renew\$3 alter\$3 chang\$3 updat\$3)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 09:08 |

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| S28 | 1    | "5392351".pn. and (renew\$3 rewrit\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 09:32 |
| S29 | 0    | @ad<"19980918" and ((content adj<br>delivery) near (decrement\$3 (updat\$3<br>near2 permission)))                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 09:33 |
| S30 | 0    | @ad<"19980918" and ((content adj<br>delivery) same (decrement\$3 (updat\$3<br>near2 permission)))                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 09:33 |
| S31 | 16   | @ad<"19980918" and ((content adj<br>delivery) and (decrement\$3 (updat\$3<br>near2 permission)))                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 09:52 |
| S32 | 57   | @ad<"19980918" and ((content adj<br>delivery) and (copyright))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 09:52 |
| S33 | 18   | @ad<"19980918" and ((content adj<br>delivery) and (copyright)) and counter   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 09:53 |
| S34 | 10   | @ad<"19980918" and ((content adj<br>delivery) and (copyright)) and (count\$3<br>same access\$3)                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 10:00 |
| S35 | 1221 | @ad<"19980918" and ((recharg\$3 reload\$3<br>updat\$3) adj2 (privilege permission<br>access))                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 10:01 |
| S36 | 998  | @ad<"19980918" and ((recharg\$3 reload\$3<br>updat\$3) adj2 (privilege permission<br>access)) and (medium storage)       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 10:01 |
| S37 | 85   | @ad<"19980918" and ((recharg\$3 reload\$3<br>updat\$3) adj2 (privilege permission))<br>and (medium storage)              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 10:01 |
| S38 | 0    | @ad<"19980918" and ((recharg\$3 reload\$3<br>updat\$3) adj2 (privilege permission))<br>near (medium storage)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 10:01 |
| S39 | 19   | @ad<"19980918" and ((recharg\$3 reload\$3<br>updat\$3) adj2 (privilege permission))<br>same (medium storage)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 10:44 |
| S40 | 18   | @ad<"19980918" and (((deny\$3 denied)<br>adj2 access) near (permission<br>privilege))                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 10:46 |
| S41 | 15   | @ad<"19980918" and (((deny\$3 denied)<br>adj2 access) same ((view\$3 modif\$7<br>chang\$3) near (permission privilege))) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 10:48 |
| S42 | 4    | @ad<"19980918" and (((deny\$3 denied)<br>adj2 access) same ((view\$3 modif\$7<br>chang\$3) near (key)))                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 11:06 |
| S43 | 96   | cryptolope   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 11:06 |
| S44 | 23   | cryptolope and @ad<"19980918"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 11:07 |
| S45 | 1    | US-20010042043-A1.did. and hidden  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2004/03/01 12:49 |

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| S46 | 1   | "5392351".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB             | OR | ON  | 2004/03/01 12:49 |
| S47 | 1   | ((("20010008016").PN.) and (license same "user-use"))           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB             | OR | ON  | 2004/03/01 15:44 |
| S48 | 1   | ((("20010008016").PN.) and ("medium-specific" same apparatus))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB             | OR | ON  | 2004/03/01 16:07 |
| S49 | 7   | "244493"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB             | OR | ON  | 2004/03/01 16:08 |
| S50 | 7   | "244493"  | JPO;<br>DERWENT   | OR | ON  | 2004/03/02 07:23 |
| S51 | 0   | "7244493"   | JPO;<br>DERWENT   | OR | ON  | 2004/03/01 16:08 |
| S52 | 0   | mineo and moriba  | JPO;<br>DERWENT   | OR | ON  | 2004/03/01 16:08 |
| S53 | 181 | mineo and moribe  | JPO;<br>DERWENT   | OR | ON  | 2004/03/01 16:09 |
| S54 | 128 | (mineo and moribe) and optical                                  | JPO;<br>DERWENT   | OR | ON  | 2004/03/01 16:09 |
| S55 | 21  | ((mineo and moribe) and optical) and "optical recording medium" | JPO;<br>DERWENT   | OR | ON  | 2004/03/02 07:03 |
| S56 | 2   | ((("5886979") or ("5818812")).PN.                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB   | OR | OFF | 2004/03/02 07:04 |
| S57 | 37  | uchihira and naoshi   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/03/02 07:06 |
| S58 | 7   | "257816"  | JPO;<br>DERWENT   | OR | ON  | 2004/03/02 07:25 |
| S59 | 1   | "257816" and fujitsu  | JPO;<br>DERWENT   | OR | ON  | 2004/03/02 07:25 |
| S60 | 1   | ((("20010008016").PN.) and ("medium-specific" same apparatus))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB             | OR | ON  | 2004/03/02 08:12 |
| S61 | 1   | ((("20010042043").PN.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB             | OR | ON  | 2004/03/02 08:13 |
| S62 | 2   | ((("5191611") or ("5392351")).PN.                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB   | OR | OFF | 2004/03/02 08:22 |
| S63 | 1   | ("5805800").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB   | OR | OFF | 2004/03/02 08:22 |
| S64 | 1   | ("6247131").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB   | OR | OFF | 2004/03/02 08:27 |
| S65 | 1   | ("20010004736").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB   | OR | OFF | 2004/03/02 08:28 |

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|------|-----|---|---|----|-----|------------------|
| S66  | 1   | ("20020016920").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/03/02 08:29 |
| S67  | 61  | (kotani and seigo).in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB           | OR | ON  | 2004/03/02 09:04 |
| S68  | 196 | (hasebe and takayuki).in. not ((kotani and seigo).in.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB           | OR | ON  | 2004/03/02 09:16 |
| S69  | 148 | ("Hasebe, Takayuki").in. not ((kotani and seigo).in.)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB           | OR | ON  | 2004/03/02 09:08 |
| S70  | 113 | ((("Hasebe, Takayuki").in. not ((kotani and seigo).in.)) and copyright  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB           | OR | ON  | 2004/03/02 09:08 |
| S71  | 35  | ((("Hasebe, Takayuki").in. not ((kotani and seigo).in.)) and copyright) and medium  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB           | OR | ON  | 2004/03/02 09:09 |
| S72  | 255 | (hideyuki and hirano).in. not ((kotani and seigo).in.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB           | OR | ON  | 2004/03/02 09:16 |
| S73  | 254 | ((hideyuki and hirano).in. not ((kotani and seigo).in.)) not (((("Hasebe, Takayuki").in. not ((kotani and seigo).in.)) and copyright) and medium)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB           | OR | ON  | 2004/03/02 09:17 |
| S74  | 34  | ((hideyuki and hirano).in. not ((kotani and seigo).in.)) not (((("Hasebe, Takayuki").in. not ((kotani and seigo).in.)) and copyright) and medium)) and medium | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB           | OR | ON  | 2004/03/02 09:17 |
| S103 | 1   | ("5392351").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 08:30 |
| S104 | 1   | ("5191611").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2004/11/29 08:31 |